

Texas Pollutant Discharge Elimination Systems (TPDES)

Construction Storm Water Pollution Prevention Plan

Worksheets **DRAFT (12/02/03)**

**Responsibilities of Operators;
Control Over Construction Plans and Specifications
Part III Sect. B.1.(a)-(d)**

Responsibility: The project specifications must include adequate development of Best Management Practices to meet the general permit's SWP3 requirements outlined in Part III.

Describe how this requirement is met: _____

Responsibility: The SWP3 must list the project areas where you have operational control over project specifications (including the ability to make modifications during inspections)

Describe how this requirement is met: _____

Responsibility: When project specifications are changed, ensure all other operators affected by these changes are notified in a timely manner so that they may modify Best Management Practices to remain compliant with the permit's conditions.

Describe how this requirement is met: _____

Responsibility: The SWP3 must list the names and TPDES permit numbers of all operators with day-to-day operational control over activities necessary to ensure compliance with the SWP3 and any other permit condition. *(NOTE: If responsible parties have not been identified, the permittee with operational control over project specifications will be temporarily considered the responsible party. This will remain in effect until the authority is transferred and the plan is updated.)*

Describe how this requirement is met: _____

I certify this information to be true and accurate to the best of my knowledge, and I am authorized to sign as a company representative in accordance with 30 TAC§ 305.128. *(Use additional sheets for signatures as needed.)*

<u>Name/Title:</u>	<u>Company:</u>	<u>TPDES #:</u>	<u>Contact Phone #:</u>	<u>Date:</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

**Responsibilities of Operators;
Day-to-Day Operational Control
Part III, Sect. B.2.(a)-(d)**

Responsibility: The SWP3 must meet the general permit's requirements as described in Part III.

Describe how this requirement is met for portions of the project where you are the operator: _____

Responsibility: The SWP3 must identify the people responsible for implementing the Best Management Practices described in the plan.

Describe how this requirement is met, or list responsible individuals for BMP implementation: _____

Responsibility: The SWP3 must indicate areas of the project where you have operational control over day-to-day activities. (If sharing a SWP3, ensure all operators and their responsibilities are identified.)

Describe how this requirement is met: _____

Responsibility: The SWP3 must list the names and TPDES permit numbers of people with operational control over project specifications (including the ability to modify specifications).

Describe how this requirement is met for areas where you have operational control over day-to-day activities: _____

I certify this information to be true and accurate to the best of my knowledge, and I am authorized to sign as a company representative in accordance with 30 TAC§ 305.128. *(Use additional sheets for signatures as needed.)*

<u>Name/Title:</u>	<u>Company:</u>	<u>TPDES #:</u>	<u>Contact Phone #:</u>	<u>Date:</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

a.) Describe the nature of your construction activities, the potential pollutants, and their sources. Include ALL construction activities. Be as thorough as possible. Use additional sheets as needed to describe in detail.

[illegible]

Part III Sect. F.1.b
Site Description

b.) Describe the intended schedule, or a sequence of the major activities that will be disturbing soil for the major portions of the site.

Phase of Project (projected dates month/year)	Activity Disturbing Soil (clearing, excavating, grading, construction?)	Location On-Site (describe where activity will be conducted)	Acreage being disturbed by activity

Part III Sect. F.1.c-d
Site Description

- c.) What is the total acreage of the entire property and the total acreage where construction activity will occur? Include and describe any off-site material storage areas, overburden and stockpiles of dirt or aggregates, and borrow areas.

Material Storage	Material(s)	Acreage	Location
Off-Site Material Storage			
On-Site Material Storage			
Overburden/Stockpiles of Dirt			
Borrow Areas			
Other areas used as part of the project (list)			
Total acreage of the project property: _____		Total acreage of soil disturbance: _____	

- d.) Describe the soil type at the site (loamy, clay, rocky, sandy), or the quality of any discharge from the site.

Part III Sect. F.1.e
Location Site Map

Attach Map

Part III Sect. F.1.f(I)-(vii)
Detailed Site Map(s)

Attach Map(s)

Part III Sect. F.1.(g)-(h)
Site Description - Support Facilities

g.) If this permit authorizes any asphalt or concrete batch plants that support the construction site, describe these plants and their locations.

Facility	Description	Location
Asphalt Plants		
Concrete Plants		
Other Support Facility (list)		
Other Support Facility (list)		
Other Support Facility (list)		
Other Support Facility (list)		

h.) Any receiving waters at or near the site that will be disturbed or that will receive discharges from the project's disturbed areas, list them here.

Name of Receiving Water	Nature of Disturbance	Location of Receiving water

Part III Section F.2.a.(I)-(iii)
Best Management Practices (BMPs)

a.i-iii.) Erosion and Sediment Controls designed to retain sediment. (Make copies or use additional sheets as necessary.)

BMPs Installed	Location(s) On-Site	Inspection / Maintenance Schedule	Modifications / Replacement Activities

Are there sedimentation ponds or channels that will need storm water pumped from them?* Yes ☐ No ☐
 If yes, list the measures taken to reduce the pollutants transported off-site by pumping activities.

Prevention Measure	Location On-Site	Implementation Date

** Part III Section F.2.a.iii, Sediment must be removed from sediment traps and ponds no later than the time that the design capacity has been reduced by 50%*

Part III Section F.2.a.(v)
Best Management Practices (BMPs)

a.v.) Good housekeeping practices implemented to limit the off-site transport of litter, construction debris, and construction materials.

Litter Controls:	
Good Housekeeping Activity	Location(s) On-Site
Construction Debris Controls:	
Good Housekeeping Activity	Locations On-Site
Construction Material Controls:	
Good Housekeeping Activity	Locations On-Site

Part III Section F.2.b.(I) & (iii)
Best Management Practices (BMPs)

b.i., b.iii) Stabilization practices may include, but are not limited to: establishing temporary or permanent vegetation, mulching, geotextiles, sod stabilization, vegetative buffer strips, and protecting existing trees and vegetation. List practices used, where they are located, when they will be implemented, and whether they are temporary (interim) or permanent.

Stabilization Practices	Location On-Site	Implementation Date	Interim or Permanent

Part III Section F.2.b.(ii) Best Management Practices (BMPs)

b.ii) If you do not list activities below, either attach documentation or state where records for the activities can be accessed:

Documentation attached? Yes ☐ No ☐

Section of SWP3 if not in this section _____

Where can documentation be found (if not included in SWP3)? _____

Contact Person _____ Phone Number _____

Dates when major grading activities will occur and locations on-site:			
Activity	Location	Dates when Activity is Scheduled to Occur	

Dates when construction activity will temporarily or permanently cease:			
Location on-site	Date activity is to be stopped	Temporary or Permanent?	Stabilization Initiation Date

Part III Section F.3.(a)-(b) Structural Control Practices

3.) Structural Control Practices.

Will the project disturb 10 acres or more at one time? Yes ☐ No ☐

If yes, is it feasible to install a sediment basin? Yes ☐ No ☐

Calculate the volume of runoff from a 2-year, 24-hour storm event. Volume of sediment basin: _____

In determining feasibility have you considered (attach any additional justification in determining feasibility):

Site Factor	Considered?	Site Factor	Considered?
Site Soils		Precipitation pattern	
Slope		Site geometry	
Available area		Site vegetation	
Public safety		Geotechnical factors	
Groundwater depth		Infiltration capacity	
Other? (list)		Other? (list)	

If a sediment basin is not feasible, we will use these other structural control practices:

Structural Control	Used? (Y/N)	Location On-Site
A series of smaller sediment basins		
Silt fences		
Vegetative buffer strips		
Sediment traps		
Other (list):		
Other (list):		
Other (list):		
Other (list):		

Part III Section F.4.
Permanent Storm Water Controls

4.) The following measures will be constructed to control post-construction runoff:

Control Measure	Location on Project Site	Control runoff from what areas

Part III Section F.5.(a)-(b)
Other Storm Water Controls

5.a.) Controls to minimize dust generation and off-site tracking of sediment:

Control Practice used	Location(s) On-Site

5.b.) The following construction and waste materials will be stored on-site:

Materials Stored On-Site	Average Amount Stored	Location On-Site	Controls Used to Prevent Pollutants

Part III Section F.5.(c)-(d)
Other Storm Water Controls

c.) Describe pollutant sources from areas other than construction (make additional copies of this worksheet as needed):

Type of pollutant source	Pollutant(s)	Control(s) or measure(s) used to minimize pollutants
Asphalt Hot Plant (example)		
Concrete Batch Plant (example)		

d.) Describe the velocity dissipation devices that will be placed at discharge locations and/or along the length of any outfall channels:

Dissipation Device (hay bales, silt fence, pond, etc...)	Outfall Discharging to (MS4, bar ditch, creek/stream)	At Outfall or Channel (distance interval for channel)

Part III Section F.8.(c)-(d)
Inspection of Controls Forms

Complete this form and retain in your SWP3 every 7 days; **OR**, every 14 days and within 24 hours of a ½ inch rainfall event.

Inspector(name/title): _____ **Inspection Date:** _____ **Day:** _____ **Time:** _____ **am/pm**

Scope of inspection: 14 Day Inspection ☐ Weekly Inspection ☐ Day of week normally conducted: _____ 0.5 Rainfall Event ☐

Inspection Type:	Inspected? (Y/N)	Areas of Concern (Describe in detail in the narrative section)
Disturbed Soil Areas		
Material Storage Areas		
Structural Controls		
Sediment & Erosion Controls		
Entrance(s) and Exit(s)		

Discharges:

Nature of discharge (silt, gravel, sand, other pollutant)	Location on-site of discharge

Part III Section F.8.(c)-(d)
Inspection of Controls Forms (cont'd)

Complete this form and retain in your SWP3 every 7 days; **OR**, every 14 days and within 24 hours of a ½ inch rainfall event.

Best Management Practices Inspected: (make additional copies of form if needed)

BMP and Location	OK (no action required)	BMP failed (describe failure)	Required Maintenance (describe corrective actions needed)
Additional BMPs Needed			
Location	Best Management Practice		Replacing Existing BMP?

Part III Section F.8.d

Complete this form and retain in your SWP3 every 7 days; **OR**, every 14 days and within 24 hours of a ½ inch rainfall event.

Describe the inspectors qualifications to conduct the inspections: _____

Describe how your inspection was conducted: _____

[illegible]

Describe all incidents of non-compliance (i.e. major discharges, BMP failures): _____

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Where a report does not identify any incidents of non-compliance, the report must contain a certification that the facility or site is in compliance with the storm water pollution prevention plan and this permit. The report must be signed by the person and in the manner required by 30 TAC § 305.128 (relating to Signatories to Reports)

Name/Title: _____

Date: _____

Part III Section F.9
Eligible Non-storm Water Discharges (listed in Part II.3.[a]-[g])

Eligible Non-storm Water Discharge	Used? (Y/N)	Pollution Prevention Measure(s)	Implementation Date
Fire Fighting Activities			
Fire Hydrant Flushings			
Washing of Vehicles, Buildings, or Pavement (see description in Part II.3.[c])			
Dust Control			
Potable Water Sources (water line flushings)			
Air Conditioning Condensate			
Uncontaminated Ground/Spring Water			
Other? (List)			

List any other non-storm water discharge permitted by a separate NPDES, TPDES, or TCEQ permit:

Non-storm Water Discharge	Pollution Prevention Measure	Implementation Date